



- 1 HOUSING MATERIAL: BLACK THERMOPLASTIC
- 2 SIGNAL CONTACTS: PHOSPHOR BRONZE WITH 0.0076 [0.00030] MINIMUM GOLD OVER 0.0076 [0.00030] NICKEL PLATE IN CONTACT AREA.
- 3 GROUND BUS: BRASS WITH 0.0076 [0.00030] GOLD OVER 0.0076 [0.00030] NICKEL IN CONTACT AREA.
- 4. CHARACTERISTIC IMPEDANCE: 50±5 Ohms.
- 5. PROPAGATION DELAY: 4.75±.1 ns/M [1.45±.03 ns/FT].
- 6 CABLE INSULATION MATERIAL: FEP OR EQUIVALENT.
- 7. CONDUCTOR RESISTANCE: .472 Ohm/M [1.44 Ohm/FT].
- 8. CAPACITANCE TO GROUND: 98± pF/M [30±3 pF/FT].
- 9. CABLE AND PC BOARD WIRING:

PC BOARD RCPT A	CABLE ASSY END C1	CABLE ASSY END C2	PC BOARD RCPT B
1	N/C	N/C	1
2	N/C	N/C	2
3	1	1	3
4	2	2	4
	-	-	
	-	-	
37	35	35	37
38	36	36	38
39	N/C	N/C	39
40	N/C	N/C	40
	-	-	
	-	-	
41	N/C	N/C	41
42	N/C	N/C	42
43	37	37	43
44	38	38	44
	-	-	
	-	-	
77	71	71	77
78	72	72	78
79	N/C	N/C	79
80	N/C	N/C	80

10 LABEL TO READ AS FOLLOWS

AMP PART NUMBER:
DATE CODE:

DATE CODE TO BE FOUR DIGIT AND APPEAR AS YEAR/WEEK (EXAMPLE 9222).

11. THIS CABLE ASSEMBLY IS TO BE MATED WITH A 80 POSITION BOARD RECEPTACLE. THE RECEPTACLE PRINTED CIRCUIT BOARD MUST HAVE THROUGH HOLES FOR ALL CONTACTS INCLUDING THE UNUSABLE BOARD RECEPTACLE SIGNAL CONTACTS. THE UNUSABLE BOARD RECEPTACLE SIGNALS ARE 1, 2, 39, 40, 41, 42, 79 AND 80.

12 GROUND BUSES ARE IN COMMON

2-621191-4	3048.0 [120.00]
2-621191-3	2743.2 [108.00]
2-621191-2	2438.4 [96.00]
2-621191-1	2133.6 [84.00]
2-621191-0	1828.8 [72.00]
1-621191-9	1524.0 [60.00]
1-621191-8	1219.2 [48.00]
1-621191-7	1066.8 [42.00]
1-621191-6	914.4 [36.00]
1-621191-5	762.0 [30.00]
1-621191-4	609.6 [24.00]
1-621191-3	533.4 [21.00]
1-621191-2	457.2 [18.00]
1-621191-1	381.0 [15.00]
1-621191-0	304.8 [12.00]
621191-9	279.4 [11.00]
621191-8	254.0 [10.00]
621191-7	228.6 [9.00]
621191-6	203.2 [8.00]
621191-5	177.8 [7.00]
621191-4	152.4 [6.00]
621191-3	127.0 [5.00]
621191-2	101.6 [4.00]
621191-1	76.2 [3.00]
PART NUMBER	L ±6.4 [0.25]

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DATE: 10-04-94 DESIGNED BY: D. EISENTRAUT CHECKED BY: - APPROVED BY: - NAME: - PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: - CUSTOMER DRAWING: -	AMP AMP Incorporated Harrisburg, PA 17105-3508 ENHANCED MICRO-STRIP CABLE ASSEMBLY, 50 OHM, 72 POSITION, WITH LATCH SIZE: A1 CAGE CODE: 00779 DRAWING NO: 621191 SCALE: 2:1 SHEET: 11 REV: D
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